

Installation and Care Guide

System Controller for DTV+

K-99695, K-99695-E

Save These Instructions
Conserver ces instructions
Guarde estas instrucciones

Français, page "Français-1"
Español, página "Español-1"

THE BOLD LOOK
OF **KOHLER**®

IMPORTANT INSTRUCTIONS

READ AND SAVE FOR THE CONSUMER



WARNING: When using electrical products, basic precautions should always be followed, including the following:



WARNING: Risk of electric shock. Grounding is required. The unit should be installed and grounded by a qualified service representative.



WARNING: Risk of electric shock. A qualified electrician should route all electrical wiring.



WARNING: Risk of electric shock. Disconnect power before servicing.



DANGER: Risk of injury or property damage. If the power cord gets damaged, it must be replaced by the manufacturer, its authorized service agent or qualified personnel to avoid danger.



WARNING: Risk of injury. This device is not intended for use by persons (including children) with different or reduced physical, sensory, or mental abilities, or who lack experience or knowledge, unless they are under the supervision of or receive training for the use of the device by a person responsible for their safety. Children should be supervised to ensure that they do not use this device as a toy.



WARNING: Risk of injury or property damage. Please read all instructions thoroughly before beginning installation.

NOTICE: Follow all plumbing, electrical, and building codes.

NOTICE: Some electrical codes require a circuit protected by a Ground-Fault Circuit-Interrupter (GFCI)*.

NOTICE: Provide unrestricted service access to the controller.

*Outside North America, this device may be known as a Residual Current Device (RCD).

Before Operating the System For the First Time:

Download and install the latest software for connected components. This may take an hour or more to complete based on system configuration and internet connection speed. **Do not disconnect the power from any components during software download and installation.**

Compliance

FCC Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

Compliance (cont.)

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Statement

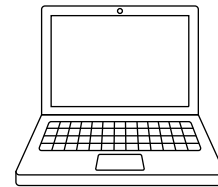
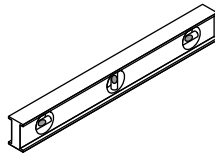
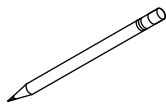
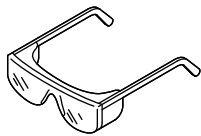
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

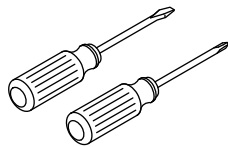
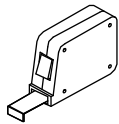
Specifications

Ambient Temperature	Max 104°F (40°C)
Maximum Relative Humidity	90% non-condensing
Electrical Rating	100-240 VAC, 50-60 Hz, 0.6-0.4 A
Ethernet Cable Length	25' (7.6 m)

Tools and Materials



Computer or Tablet



- Plus:**
- Router
 - Internet Service

Before You Begin

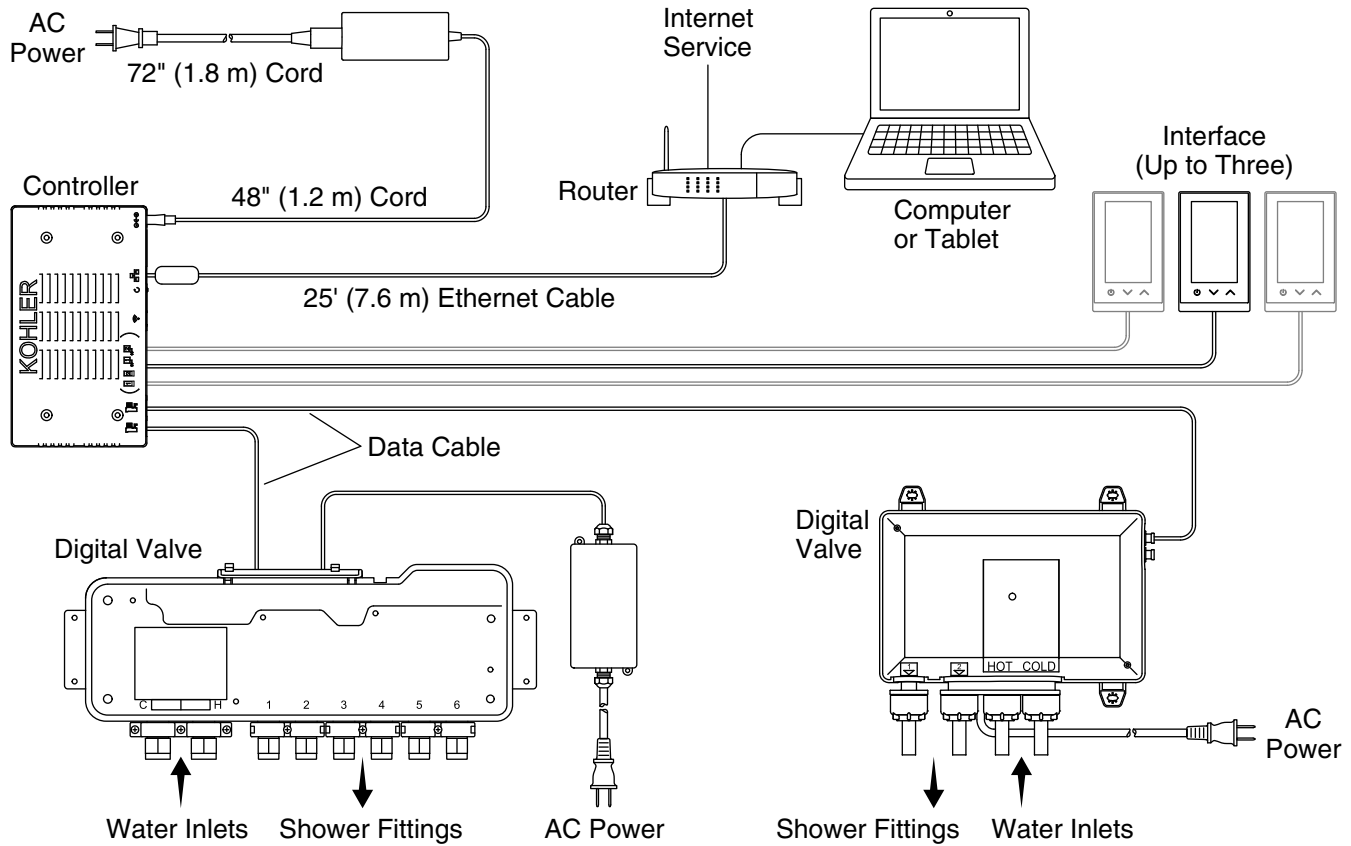
IMPORTANT! To access the controller Web pages for system setup, the controller and a computer or tablet must be connected to the same router.

NOTE: Internet access is required for downloading the latest software for system components.

- Read these instructions and determine all components and installation locations before beginning installation. For shower configuration options, refer to the guide on the product page at www.us.kohler.com.
- The controller comes equipped with rubber feet for placement on a shelf or countertop.

Before You Begin (cont.)

- The controller can be mounted vertically or horizontally and is designed to fit within a 2x4 stud cavity.
- If mounting within a stud cavity, an access panel must be provided for servicing. The cavity must be free of insulation.
- A qualified electrician should install a 120 V electrical outlet, within the stud framing, in close proximity to the controller. A GFCI outlet may be required in certain applications.
- If possible, install the electrical outlet prior to installing the controller.
- An Ethernet cable is provided to connect the controller to a router. If the router is not within 25' (7.6 m) of the controller, obtain a longer Ethernet cable or add an extension cable.
- This product complies with UL, CSA, FCC, and IC.



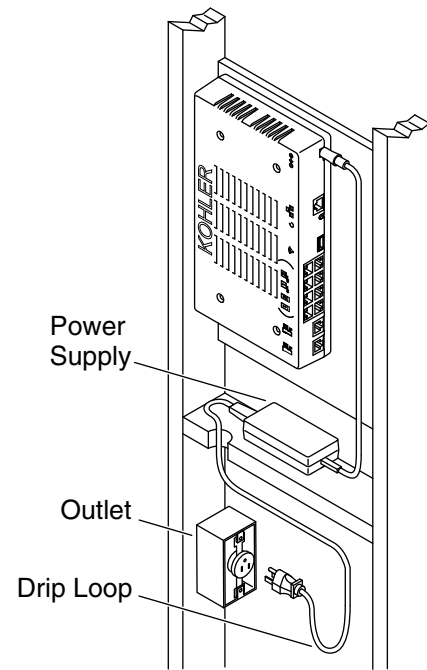
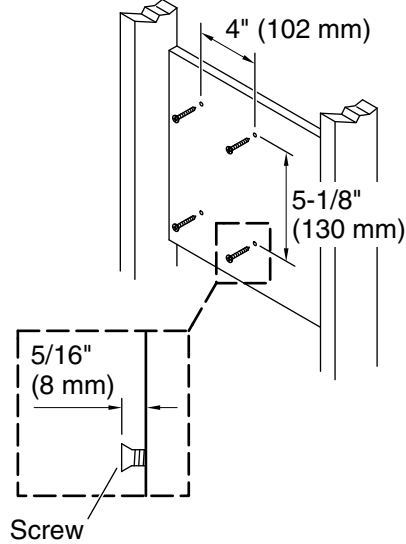
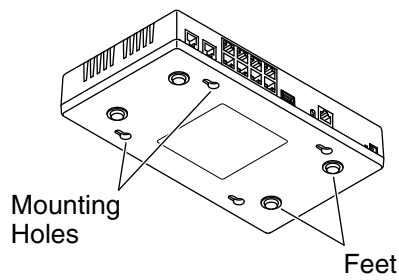
System Layout

The system controller powers the interface(s) and controls system components such as digital mixing valve(s).

- Your system can be set up to use three interfaces. One interface, installed inside the shower, is required.
- Determine the locations of all components, including shower accessories. For pre-programmed shower configurations, refer to the guide on the product page at www.us.kohler.com.
- Refer to the installation guides packed with each product for specific installation needs.

Before Operating the System For the First Time:

Download and install the latest software for connected components. This may take an hour or more to complete based on system configuration and internet connection speed. **Do not disconnect the power from any components during software download and installation.**



1. Install the Controller

CAUTION: Risk of product damage. The controller is rated to operate in temperatures up to 104°F (40°C). Do not install near heat sources (such as radiators or under whirlpool surrounds) or in any location where the temperature may exceed 104°F (40°C).

IMPORTANT! The controller must be placed in a dry area, separate from any digital valve location.

NOTE: The controller comes equipped with rubber feet for placement on a shelf, or it can be installed to a vertical surface using the mounting holes.

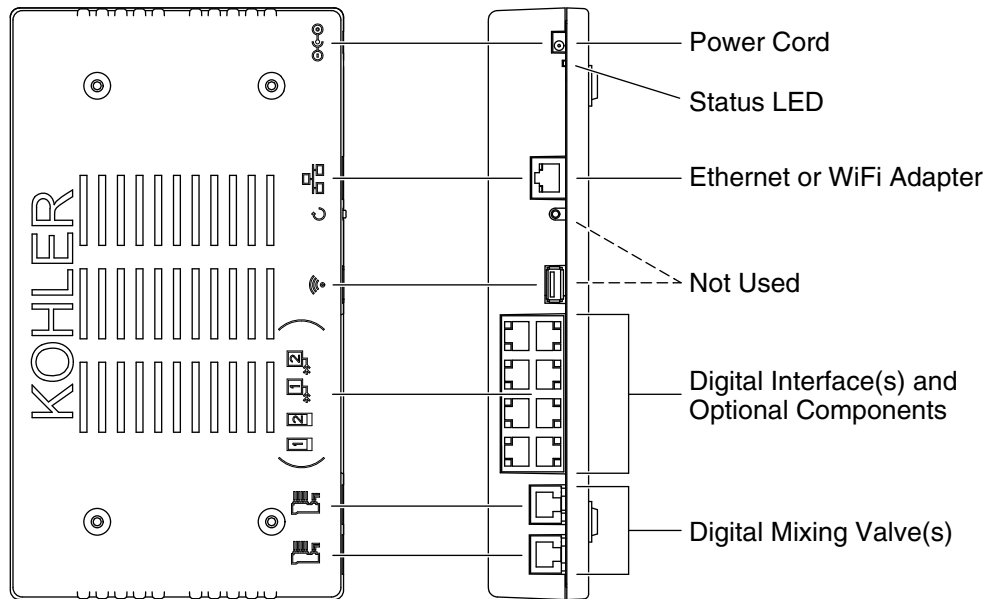
- The controller is designed to fit within a 2x4 stud cavity. The cavity must be free of insulation.
- If mounting within a stud cavity, an access panel must be provided for servicing.

Installation In a Stud Cavity

- Install a vertical surface between the studs.
- Install four drywall screws according to the dimensions above. The screws should protrude 5/16" (8 mm).
- Install a 120 V electrical outlet within the stud framing, in close proximity to the controller. A GFCI outlet may be required in certain applications.

NOTE: The power supply should be placed on a horizontal surface. **Do not secure the power supply to any surface.**

- Install a horizontal board to accommodate the power supply. Ensure the cord can be routed to the electrical outlet without being pinched.
- Remove the rubber feet from the bottom of the controller.
- Hook the controller onto the protruding screws.
- Route the power supply from the controller to the electrical outlet.



2. Connect the Components

IMPORTANT! Make drip loops in all cables.

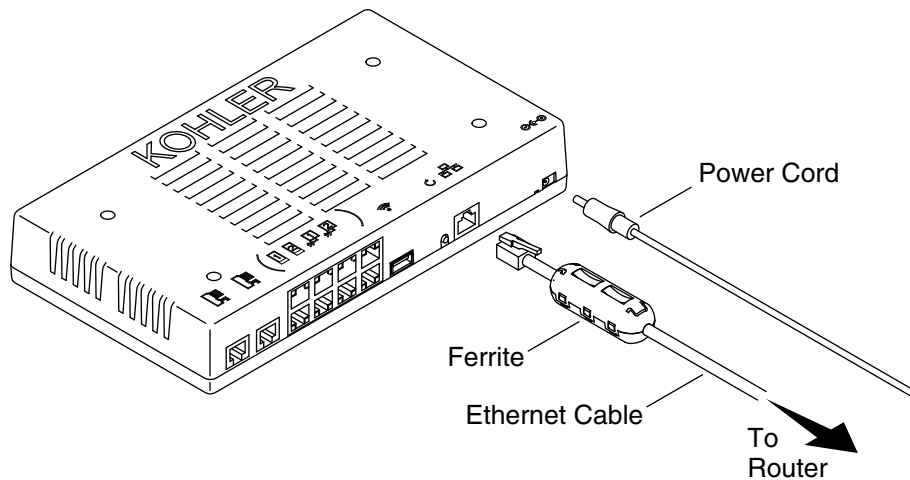
IMPORTANT! Disconnect the power from the controller before connecting the cables.

- If not already installed, install any digital interfaces, digital valves, and optional components for your system configuration.
- Route all component cables to the controller location.
- Gently press each connection into the proper port until it fully clicks in place.
- Connect the power supply to the controller. Verify that the digital interface(s) illuminate.

Before Operating the System For the First Time:

Download and install the latest software for connected components. This may take an hour or more to complete based on system configuration and internet connection speed. **Do not disconnect the power from any components during software download and installation.**

- Refer to the "Download/Install Software" section for download instructions.
- For recommended WiFi adapter options, contact the KOHLER Customer Care Center at 1-800-4KOHLER (1-800-456-4537).

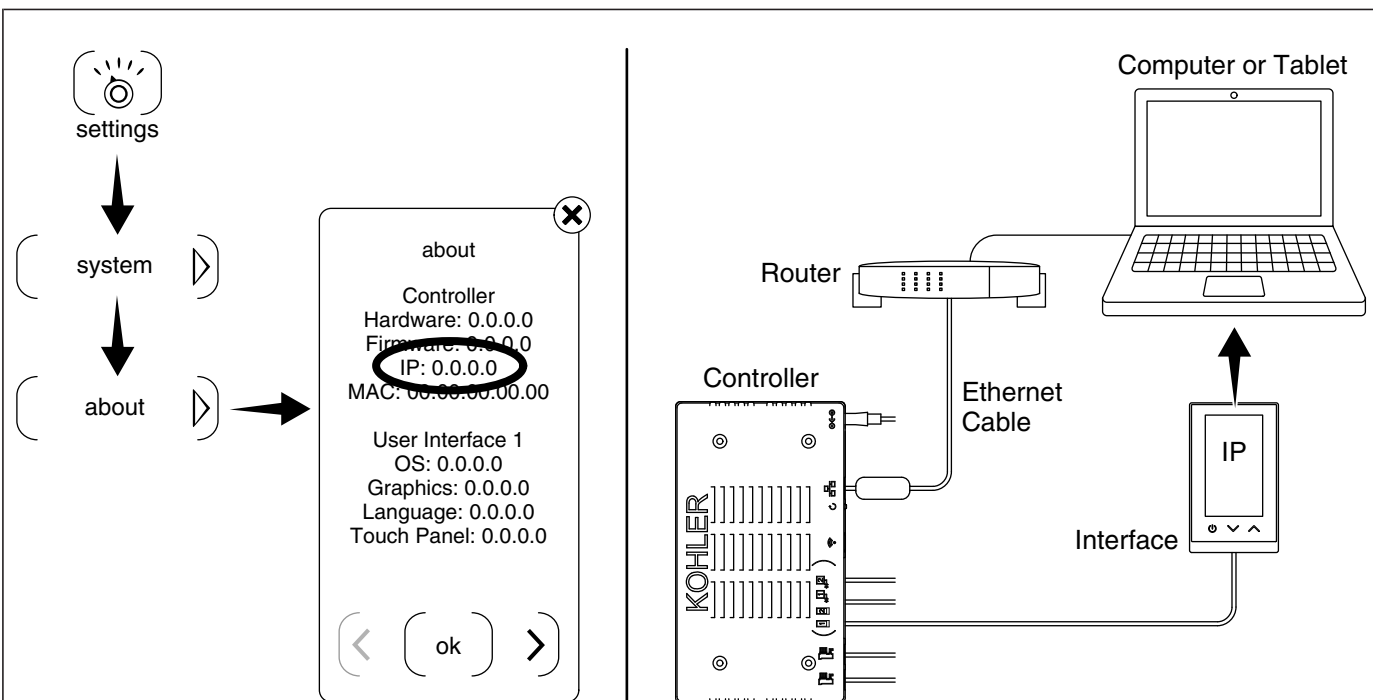


3. Download/Install Software

NOTICE: Software download and installation may take an hour or more to complete based on system configuration and internet connection speed. **Do not disconnect the power from any components during software download and installation.**

NOTE: Internet service is required to receive the latest updates for system components. The components must be connected to the controller prior to software download.

- Disconnect the power from the controller.
- Make sure all system components are connected to the controller.
- Attach the ferrite (provided) to the Ethernet cable, close to the end that will be connected to the controller.
- Connect the Ethernet cable from the controller to a router with active internet service.
- Reconnect the power supply to the controller. The controller will communicate with the router to receive an IP address.
- Upon receiving an IP address, the controller will check for software updates for any connected components, and will automatically download the updates. **Do not disconnect the power from any components during software download and installation.**



4. Initial System Setup

IMPORTANT! To access the controller Web pages for system setup, the controller and a computer or tablet must be connected to the same router.

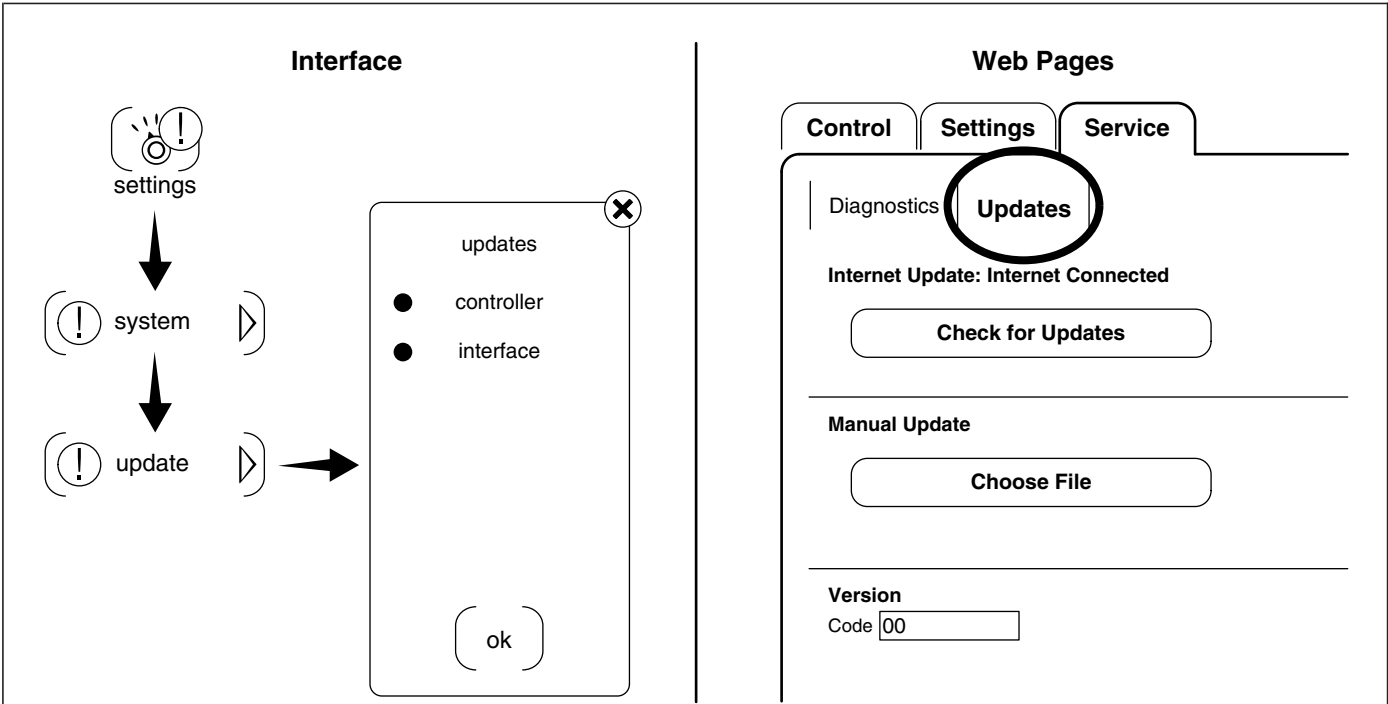
- System setup is configured using the controller Web pages.
- The controller IP address is obtained from the digital interface.

Obtain the IP Address

- From the [home] screen on the interface, touch the [settings] icon. If an access code is required, enter "1020."
- Select the [system] option, then [about].
- A pop-up window will display current software information for connected components.
- If a valid IP address is not displayed, refer to the "Download/Install Software" section for instructions on connecting to a router.
- Copy the IP address from the displayed information.

Connect to the Controller Web Pages

- Connect a computer or tablet to the same router as the controller.
- Open a browser window and enter the IP address into the search field.
- The controller Web pages will appear in the browser, providing access to configure system settings.



5. Software Updates

NOTE: The controller will check for software updates daily, and will automatically download the software. Software can also be updated manually from the controller Web pages.

From the Interface

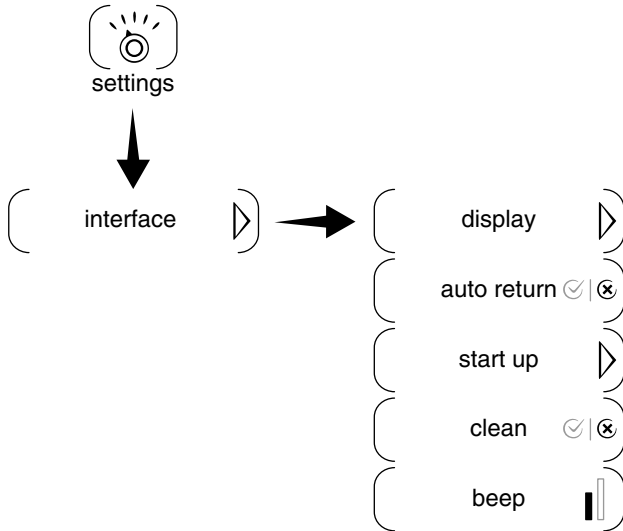
NOTE: If an update is available, the [settings] icon will display an exclamation point at the corner of the icon. Touch the icons that display the exclamation point to get to the [updates] screen.

- From the [home] screen, touch the [settings] icon.
- Go to [system], then to [update].
- A pop-up window will indicate if updates are available for any connected system components.

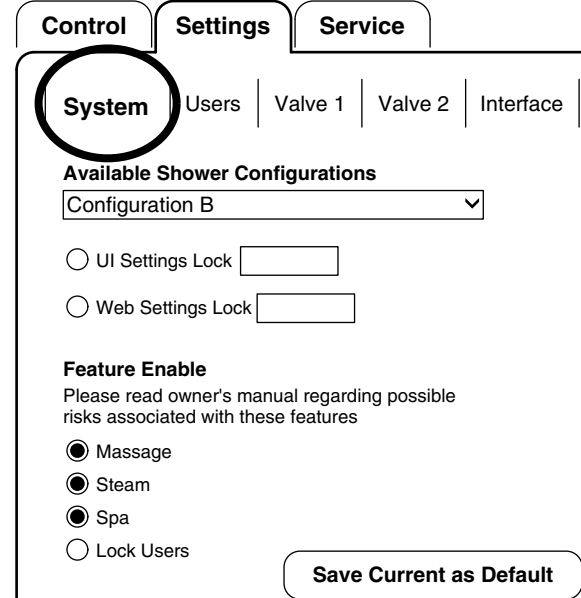
From the Web Pages

- On a computer or tablet connected to the same router as the controller, open a browser and enter the Web IP address. To obtain the IP address, refer to the "Initial System Setup" section.
- Click on the [Service] tab, then on [Updates].
- Click [Check for Updates] to download the latest software for any connected system components.
- If updates are available, the controller will automatically download the software.

Interface



Web Pages



6. Settings Overview

All system settings, such as valve setup, can be configured from the controller Web pages. Some settings can be configured from the interface.

From the Interface

- From the [home] screen, touch the [settings] icon.
- Go to [interface] to select general settings for the interface.
- For more information about using the interface and its menus, refer to the guide on the product page at www.us.kohler.com.

From the Web Pages

- On a computer or tablet connected to the same router as the controller, open a browser and enter the controller IP address. To obtain the IP address, refer to the "Initial System Setup" section.
- Click on the [Settings] tab, then on [System].
- Select the general settings for your system.
- User presets and additional interface settings can be configured from the Web pages. Click on the appropriate menu to access the options for those settings.
- For valve setup, refer to the "Valve Settings" section.

Control | **Settings** | **Service**

System | Users | Valve 1 | Valve 2

Available Shower Configurations
 Configuration B

UI Settings Lock

Web Settings Lock

Feature Enable
 Please read owner's manual regarding possible risks associated with these features

Message

Steam

Spa

Lock Users

Save Current as Default

Control | **Settings** | **Service**

System | Users | **Valve 1** | Valve 2 | Interface | Spa

Outlet 1

Default

Message

Auto Purge

Steam Deluge

Outlet 2

Default

Message

Auto Purge

Steam Deluge

Temperature

Default Temperature

Max Temperature

Cold Water

Auto Purge

Max Run Time

Custom Message Order 1

Custom Message Order 2

Swap Valves 1 and 2

7. Valve Settings

NOTICE TO INSTALLER:



WARNING: Risk of personal injury. Safety precautions must be followed when using shower features such as [Massage] and [Spa]. Before enabling, ensure the homeowner has read the associated risks listed in the guides for these features.

IMPORTANT! To ease setup for a multiple valve system, valve 1 (zone 1) should be connected to the system controller before valve 2 (zone 2). If valve 1 does not appear on the controller Web page before connecting the second valve to the controller, swap the valves according to the instructions found on the product page at www.us.kohler.com.

Pre-Programmed Shower Configurations

NOTE: Pre-programmed shower configurations are outlined in the guide found on the product page at www.us.kohler.com.

- If components are installed for pre-programmed shower configurations, the components can be automatically populated on the Web pages.
- Shower configurations are available based on the number of valves connected to the controller.
- To populate pre-programmed configurations, select the appropriate dropdown option in the [Available Shower Configurations] field. The shower components will appear in the outlet options on the valve menu.
- To enable shower features, such as [Massage], go to the [Settings] tab, then click on [System]. **Safety instructions for each feature must be read by the homeowner before it is enabled. Refer to the guide for each feature.**

Custom Shower Configurations

NOTE: Custom shower components will need to be selected manually on the Web page valve menus.

NOTE: The spa feature is not available on custom configurations.

- To check or configure valve settings, go to the [Settings] tab, then click on [Valve 1].

Valve Settings (cont.)

- Select the settings for each shower outlet for your system configuration.
- If applicable, click on [Valve 2] to select the outlets for the second valve.

Complete the Installation

- Once components have been configured, test for functionality. Verify that each component is operating as intended.
- For troubleshooting information for each system component, refer to the guide on the product page at www.us.kohler.com.

Troubleshooting

IMPORTANT! Turn off the power before performing any maintenance.

NOTE: For service parts information, visit your product page at www.kohler.com/serviceparts.

This troubleshooting guide is for general aid only. For service and installation issues or concerns, call 1-800-4KOHLER.

Controller Troubleshooting Table

Symptoms	Probable Cause	Recommended Action
1. System stops working and the status LED is solid red.	A. System failure.	A. Reboot the controller by disconnecting the AC power from the wall outlet. If the status LED remains a solid red after reboot, replace the controller.
2. System stops working and the Status LED is OFF.	A. Power supply failure. B. Incorrect wiring of the AC power supply.	A. Reboot the controller by disconnecting the AC power from the wall outlet. If there is no change after reboot, replace the power supply. B. Verify that the controller was installed per the installation manual. Make sure AC power is present at the outlet the controller is plugged into.
3. Components are sometimes not on the menu, even though they are connected to the controller.	A. Damaged cables or incorrect cable installation. B. Power fluctuation. C. The device is not installed correctly.	A. Check all wiring connections. B. Verify that the devices are connected to a stable power supply. C. See peripheral device owners manual.

Interface Troubleshooting Table

Symptoms	Probable Cause	Recommended Action
1. Interface is not lit.	A. Controller is not plugged into the electrical outlet. B. Interface cable connections may be loose or disconnected. C. Circuit breaker has been tripped. D. The controller may require resetting.	A. Plug the controller into an electrical outlet. B. Check all interface cable connections. C. Reset the circuit breaker. D. Disconnect and reconnect the controller power supply from the electrical outlet.

Troubleshooting (cont.)

Interface Troubleshooting Table

Symptoms	Probable Cause	Recommended Action
	<p>E. A "cross-over" cable or coupler was used to connect the interface to the controller.</p> <p>F. If none of the recommended actions for the above issues correct the symptom, the interface or controller requires servicing.</p>	<p>E. Connect the interface to the controller using a "straight-through" cable or coupler.</p> <p>F. Contact your Kohler Co. Authorized Service Representative.</p>
<p>2. The interface power indicator is lit, but the system will not turn on.</p>	<p>A. Interface cable connections may be loose.</p> <p>B. The interface cable or coupler is damaged.</p> <p>C. If the above recommended action does not correct the symptom, the interface or controller requires servicing.</p>	<p>A. Check all interface cable connections.</p> <p>B. Replace the cable or coupler.</p> <p>C. Contact your Kohler Co. Authorized Service Representative.</p>

Warranty

KOHLER® Electronic Faucets, Valves and Controls FIVE-YEAR LIMITED WARRANTY

Kohler Co. warrants that its electronic faucets, valves and controls will be free of defects in material and workmanship during normal residential use for five years from the date the product is installed. This warranty applies only to electronic faucets, valves and controls installed in the United States of America, Canada and Mexico ("North America").

If a defect is found in normal residential use, Kohler Co. will, at its election, repair, provide a replacement part or product, or make appropriate adjustment where Kohler Co.'s inspection discloses any such defect. Damage caused by accident, misuse, or abuse is not covered by this warranty. Improper care and cleaning will void the warranty*. Proof of purchase (original sales receipt) must be provided to Kohler Co. with all warranty claims. Kohler Co. is not responsible for labor charges, installation, or other incidental or consequential costs other than those noted above. In no event shall the liability of Kohler Co. exceed the purchase price of the faucet, valve or control.

If the electronic faucets, valves or controls are used commercially or are installed outside of North America, Kohler Co. warrants that the faucet, valve or control will be free from defects in material and workmanship for one (1) year from the date the product is installed, with all other terms of this warranty applying except duration.

If you believe that you have a warranty claim, contact your Home Center, Dealer, Plumbing Contractor or E-tailer. Please be sure to provide all pertinent information regarding your claim, including a complete description of the problem, the product, model number, the date the product was purchased, from whom the product was purchased and the installation date. Also include your original invoice. For other information, or to obtain the name and address of the service and repair facility nearest you, write Kohler Co., Attn: Customer Care Center, Kohler, Wisconsin 53044 USA, or by calling 1-800-4-KOHLER (1-800-456-4537) from within the USA and Canada, and 001-800-456-4537 from within Mexico, or visit www.kohler.com within the USA, www.ca.kohler.com from within Canada, or www.mx.kohler.com in Mexico.

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